

Archives of Toxicology

Toxic *in vitro* effects of flavoured-air inhalers containing essential oils in differentiated human nasal epithelial cells at air-liquid interface.

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Supplementary Table 5 – Mean mediator levels in the apical compartment. Data are mean±SD. a = different to air, b = different to FCM, c = different to FMP, d = different to LCS, e = different to LMM, f = different to CGF, g = different to CIP. N = 14-16.

Mediator	Air	FCM	FMP	LCS	LMM	CGF	CIP
IL-1ra	180.9±109.4	344.8±598.8 ^g	324.4±324.3	163.4±84.9	225.8±171.4	165.4±99.3	145.7±94.6 ^b
IL-5	30.8±11.3 ^{c,f,g}	28.3±13.7 ^f	20.6±11.2 ^{a,d,e}	31.5±12.6 ^{c,f,g}	35.1±20.8 ^{c,f,g}	14.1±12.8 ^{a,b,d,e}	21.3±10.3 ^{a,d,e}
IL-6	35.1±29.9	22.5±24.9 ^f	20.8±19.1 ^f	32.6±28.4	29.1±36.4 ^f	47.2±48.9 ^{b,c,e,g}	27.8±26.4 ^f
IL-7	155.1±90 ^{d,f}	130.3±73.9 ^{c,d,f}	179.9±93.2 ^{b,g}	203.7±111.5 ^{a,b,e,g}	153.0±101.9 ^{d,f}	202.5±91.7 ^{a,b,e,g}	118.9±73.9 ^{c,d,f}
IL-8	5296.2±3715.2 ^c	6143.3±3595.5 ^c	5410.7±3341.8 ^c	5256.9±3138.1 ^c	3268.3±1609.3 ^{a,b,c,d}	4984.5±2901.1	5159.9±3707.3
IL-9	55.7±17.2	50.9±17.2 ^d	51.6±12.4	58.4±13.5 ^{b,g}	56.1±18.5	51.9±19.0	51.1±18.0 ^d
Eotaxin	0.69±0.41 ^{c,g}	0.47±0.40 ^{c,g}	0.35±0.21 ^{a,e,f}	0.58±0.36 ^{c,g}	0.84±0.68 ^{b,c,d,g}	0.61±0.49 ^{c,g}	0.22±0.16 ^{a,b,d,e,f}
G-CSF	40.4±39.2	27.6±27.2	26.8±18.6	44.8±41.9	52.8±103.9	49.1±69.7	34.5±36.4
GM-CSF	4.65±4.42	4.40±4.61	2.03±2.21 ^{d,e,f}	6.09±5.92 ^c	5.80±6.13 ^c	6.40±6.20 ^c	4.59±5.18
IFN γ	17.7±10.5	23.7±35.1	25.4±19.7	17.6±10.3	21.4±12.5	20.1±13.6	15.8±9.9
IP-10	1462.3±966.4 ^{d,f}	1041.5±529.7 ^{d,f,g}	1499.7±627.4 ^{d,f}	2224.4±1108.3 ^{a,b,c,e}	1360.4±571.6 ^{d,f}	2083.1±1222.0 ^{a,b,c,e}	1697.2±965.2 ^b
MCP-1	49.9±47.9 ^f	48.9±65.6 ^f	63.5±79.6	52.2±46.6	50.4±52.9 ^f	81.2±94.1 ^{a,b,e,g}	53.8±55.0 ^f
MIP-1 α	0.19±0.13 ^{b,c}	0.09±0.07 ^{a,d,e,f}	0.07±0.05 ^{a,d,e,f,g}	0.17±0.12 ^{b,c}	0.18±0.05 ^{b,c}	0.19±0.09 ^{b,c}	0.15±0.12 ^c
MIP-1 β	16.9±5.4	16.9±5.9	16.9±3.9	18.9±4.7	16.9±6.3	18.4±6.7	16.8±6.3
RANTES	22.3±13.5 ^c	21.7±16.0 ^c	19.9±11.4 ^c	24.8±15.5	29.7±24.9 ^{a,b,c,f}	19.8±18.2 ^c	21.1±19.8
TNF- α	80.3±39.5 ^c	68.2±45.3 ^{c,f}	47.4±34.1 ^{d,e,f}	83.5±50.1 ^{c,e}	116.5±101.3 ^{a,b,c,d,g}	101.1±70.9 ^{b,c}	77.2±65.4 ^c